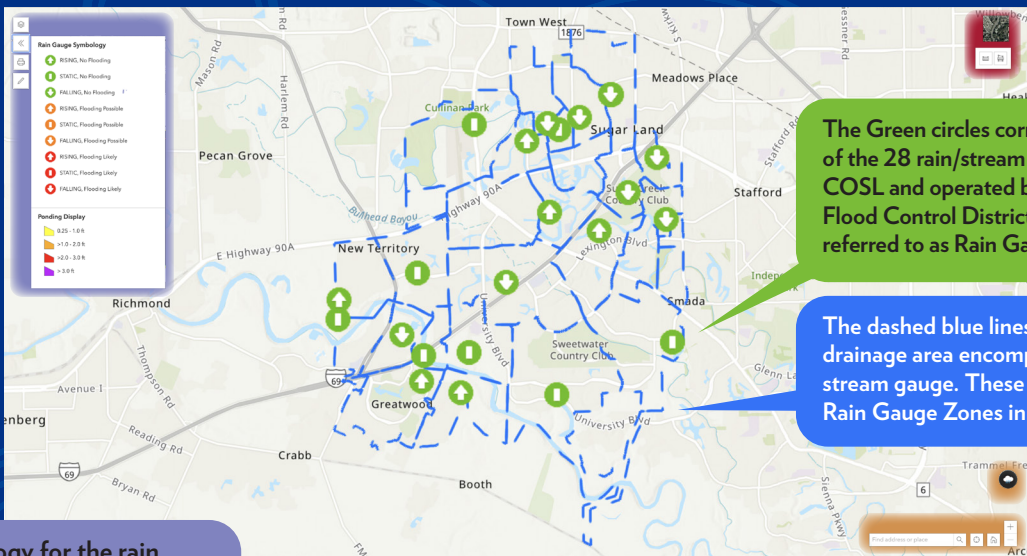


# Ponding Monitor Map

## Integrated Stormwater Management Model (ISWMM)



The Green circles correspond to each one of the 28 rain/stream gauges (owned by COSL and operated by Harris County Flood Control District- HCFCD). These are referred to as Rain Gauges in the model.

The dashed blue lines correspond to the drainage area encompassing each rainfall/stream gauge. These are referred to as Rain Gauge Zones in the model.

**The symbology for the rain gauges is as follows**

**Rain Gauge Symbology**

- ↑ RISING, No Flooding
- STATIC, No Flooding
- ↓ FALLING, No Flooding
- ↑ RISING, Flooding Possible
- STATIC, Flooding Possible
- ↓ FALLING, Flooding Possible
- ↑ RISING, Flooding Likely
- STATIC, Flooding Likely
- ↓ FALLING, Flooding Likely

**Ponding Display**

- 0.25 - 1.0 ft
- >1.0 - 2.0 ft
- >2.0 - 3.0 ft
- > 3.0 ft

To change the base map from street map to aerial photo map, toggle the picture at the upper right corner of the map.

You can use the measuring tools to determine the length or area of any portion of the ponding map, use the measuring tools located at the upper right corner (below the aerial photo).

Start to measure by clicking in the map to place your first point

After marking the distance or area, the units box will appear on the right side of the map, allowing you to change the measuring units (metric, imperial, etc.)

Unit: Metric  
Distance: 5.83 km  
New measurement

To determine the ponding depth at any address in the City of Sugar Land, type the address at the box located in the lower right corner of the map.

Find address or place

## Other Useful iSWMM Map Tools

**Rain Gauges**

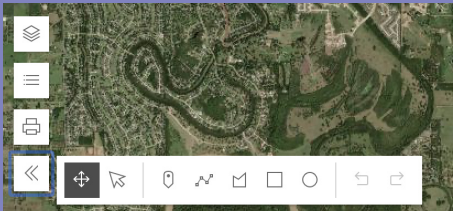
↑ Increase opacity  
↓ Decrease opacity

**Rain Gauge Zones**

To add/remove the rain gauges or the Rain Gauge Zones from the map, click the upper box at the left upper corner of the map. By clicking on the three dots you can adjust the opacity of the gauges.

The second box on the left upper corner, allows to turn on/off the symbology of the map. (See “Rain Gauge Symbology” Above)

The fourth box allows to add a point, a line, a circle, a polygon to any area of the map.



The third box allows printing of the map in a variety of paper sizes and formats (pdf, jpg, gif, etc.).

**Export**

Layout Map only

Title: Title of file

Page setup: Letter ANSI A landscape

File format: PDF

Advanced options

Export

Exported files: Your exported files will appear here.

